

WHAT IS CLAIMED IS:

1. An inductance element comprising:

a magnetic wound core having a hollow part, which is formed by winding a magnetic ribbon therearound; and

a lead having a cross sectional dimension smaller than an inner diameter of the hollow part of the magnetic core, which is passed through the hollow part with a clearance therebetween.

2. An inductance element according to claim 1, further comprising a case with a hermetically sealed structure that accommodates the magnetic core, wherein the lead is passed through the case in a hermetically sealed state.

3. An inductance element comprising:

a magnetic wound core having a hollow part, which is formed by winding a magnetic ribbon therearound;

a case for hermetically sealing the winding type magnetic core, the case having a hollow part that accommodates the winding type magnetic core and side wall members made of metal, the side wall members having cover parts opposed to side surfaces of both ends of the winding type magnetic core in both ends of the hollow part, and edge parts extended from both the ends of the hollow part in an outside direction, the edge parts composing conductive contact parts to an object to be bonded provided outside of the hollow part;

and

a lead which is passed through the hollow part of the winding type magnetic core, both ends thereof being connected with the respective side wall members;

4. An inductance element according to claim 2 or 3, wherein the case has an accommodation space adaptable to an appearance shape of the magnetic core, and a clearance is provided between an inner surface of the storage space and an outer surface of the magnetic core.

5. An inductance element according to any one of claims 1 to 4, wherein an iron base amorphous alloy ribbon is used as the magnetic ribbon.

6. An inductance element comprising:

a cylindrical magnetic core having a hollow part;

a case with a rectangular cross sectional outside shape that accommodates the magnetic core and has a plurality of members bonded to each other in a surface including at least one ridge line of the case; and

a lead which is passed through the hollow part of the magnetic core and the case.

7. A case comprising two members bonded to each other in a surface including at least one ridge line of the case, wherein the case accommodates an element including a cylindrical magnetic core having a hollow part and a lead which is passed through the magnetic core, and a cross sectional outside shape of the case is rectangular.